

ABSTRACT OF THE DISCLOSURE

A physical memory of a single computer is divided for each of a plurality of operating system (OS). A first OS is first loaded into the computer and runs. A multi-OS management program common to a plurality of OSs is incorporated into a virtual address space of the first OS as a device driver of the first OS. The multi-OS management program incorporated as the device driver is rearranged in a memory area shared by OSs so that the multi-OS management program has the same virtual address in any OS. In this state, the second OS program itself is loaded in the virtual address space of the second OS by execution of the multi-OS management program in the first OS. Execution of the multi-OS management program is switched from the multi-of management program in the first OS to the multi-OS management program in the second OS. Then, the second OS is started by execution of the multi-OS management program in the second OS to thereby run the plurality of OSs on the single computer.

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